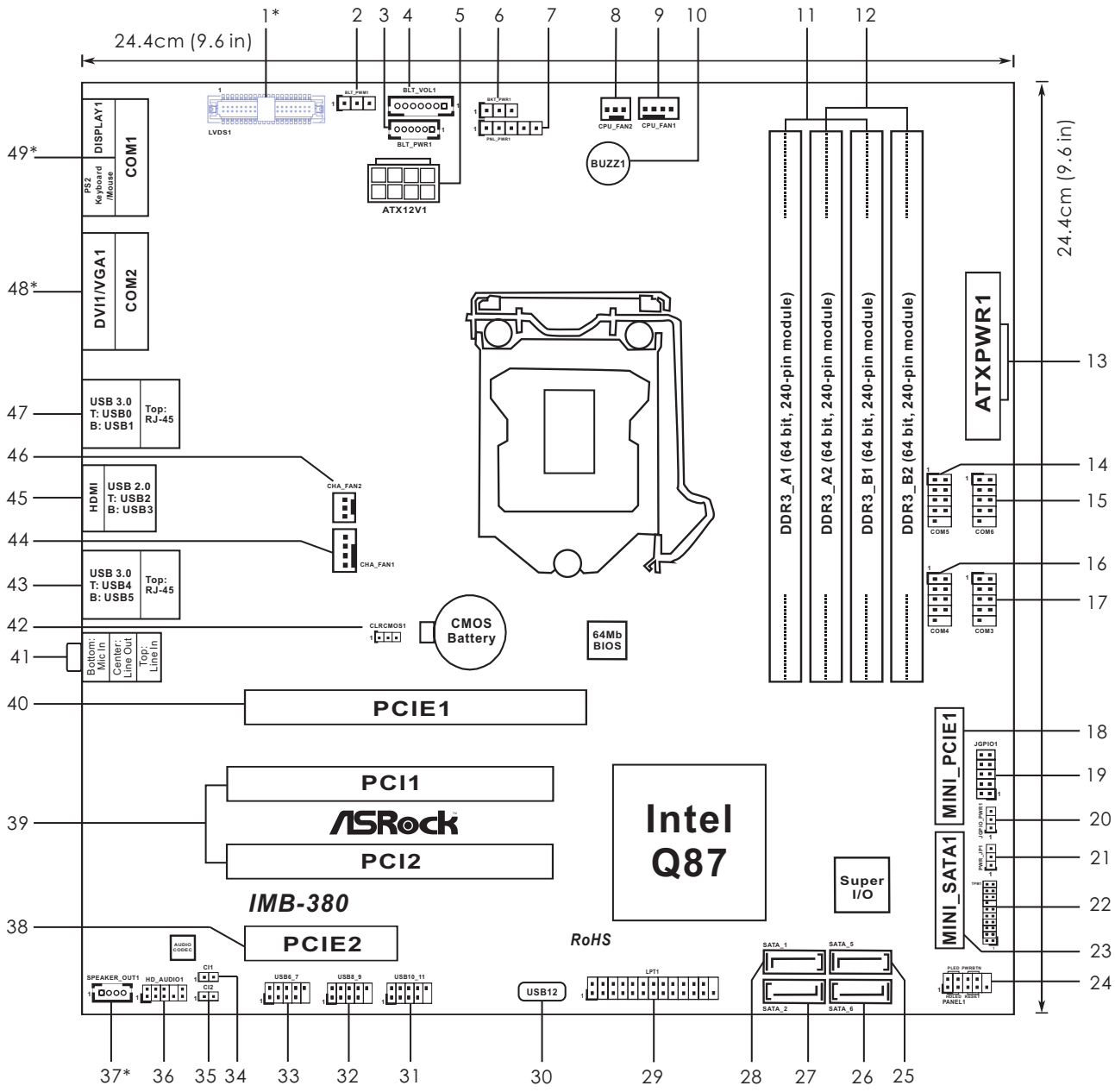
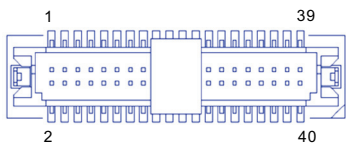
Jumpers and headers setting guide

IMB-380-L
IMB-380-D

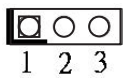


1* : LVDS Panel Connector
(For IMB-380-L only)

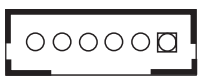


PIN	Signal Name	PIN	Signal Name
2	R_LVDD	1	R_LVDD
4	LDDC_CLK	3	+3V
6	LVDS_A_DATA0#	5	LDDC_DATA
8	GND	7	LVDS_A_DATA0
10	LVDS_A_DATA1	9	LVDS_A_DATA1#
12	LVDS_A_DATA2#	11	GND
14	GND	13	LVDS_A_DATA2
16	LVDS_A_DATA3	15	LVDS_A_DATA3#
18	LVDS_A_CLK#	17	GND
20	GND	19	LVDS_A_CLK
22	LVDS_B_DATA0	21	LVDS_B_DATA0#
24	LVDS_B_DATA1#	23	GND
26	GND	25	LVDS_B_DATA1
28	LVDS_B_DATA2	27	LVDS_B_DATA2#
30	LVDS_B_DATA3#	29	DPLVDD_EN
32	GND	31	LVDS_B_DATA3
34	LVDS_B_CLK	33	LVDS_B_CLK#
36	CON_LBKLT_EN_R	35	GND
38	LCD_BLT_VCC	37	CON_LBKLT_CTL_R
40	LCD_BLT_VCC	39	LCD_BLT_VCC

2 : Backlight PWM Header
1-2 : +3V
2-3 : +5V

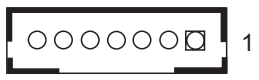


3 : Inverter Power control Wafer



PIN	Signal Name
1	GND
2	GND
3	CON_LBKLT_CTL
4	CON_LBKLT_EN
5	LCD_BLT_VCC
6	LCD_BLT_VCC

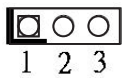
4 : Backlight & Amp Volume Control



PIN	Signal Name
1	GPIO_VOL_UP
2	GPIO_VOL_DW
3	PWRDN
4	GPIO_BLT_UP
5	GPIO_BLT_DW
6	GND
7	GND

5 : 8-pin ATX Power Input Connector

6 : Backlight Power Selection
1-2 : +5V
2-3 : +12V



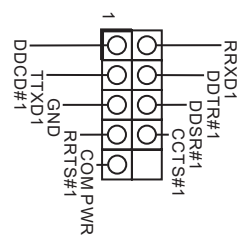
7 : Panel Power Selection
1-2 : +3V
2-3 : +5V
4-5 : +12V

8 : 3-Pin CPU FAN Connector (+12V)
9 : 4-Pin CPU FAN Connector (+12V)
10 : Buzzer

11 : DDR3 DIMM Slots
(DDR3_A1, DDR3_B1)
12 : DDR3 DIMM Slots
(DDR3_A2, DDR3_B2)

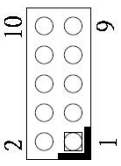
13 : 24-pin ATX Power Input Connector

RS-232 Port 4 Pin Headers
14 : COM5
15 : COM6
16 : COM4
17 : COM3



18 : mini-PCIE Slot

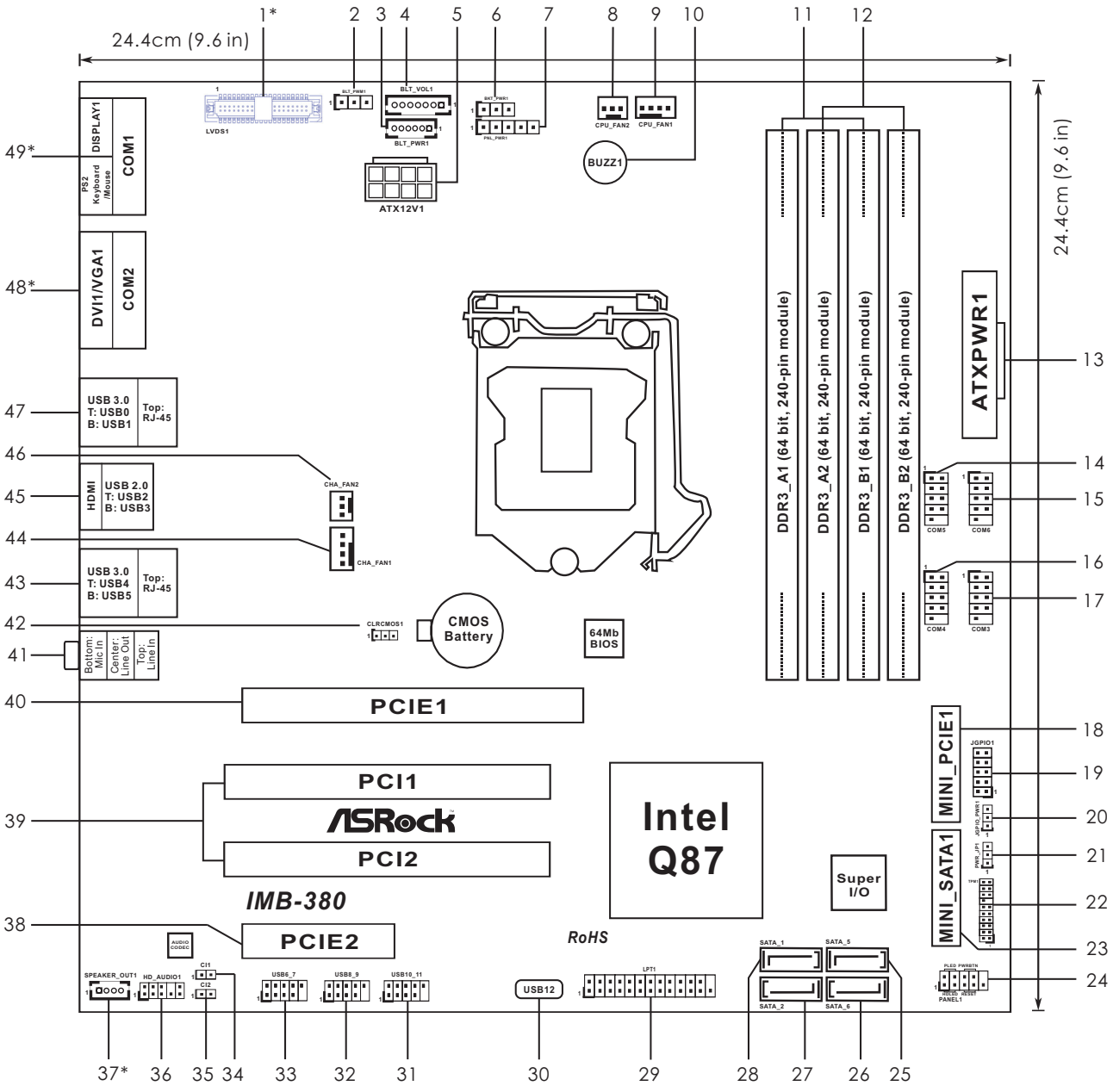
19 : Digital Input / Output
Pin Header



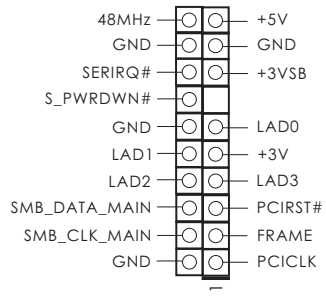
PIN	Signal Name	PIN	Signal Name
1	Digital Output 0	2	Digital Input 0
3	Digital Output 1	4	Digital Input 1
5	Digital Output 2	6	Digital Input 2
7	Digital Output 3	8	Digital Input 3
9	JGPIO_PWR1	10	GND

20 : Digital Input / Output Power select
1-2: +12V
2-3: +5V

21 : ATX/AT mode Selection
1-2: AT mode
2-3: ATX mode

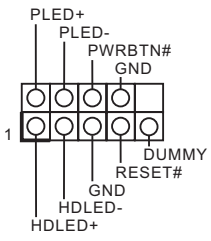


22 : TPM Header



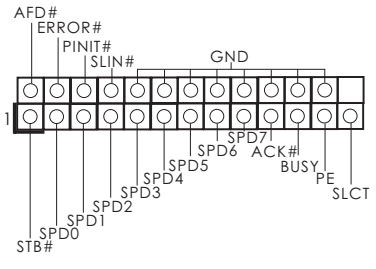
23 : mini-SATA Slot

24 : System Panel Header



SATA3 Connectors
25 : SATA_5
26 : SATA_6
27 : SATA_2
28 : SATA_1

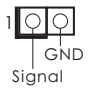
29 : Printer Port Header



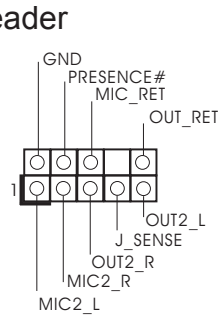
30 : USB2.0 Port (USB12)

USB2.0 Headers
31 : USB10_11
32 : USB8_9
33 : USB6_7

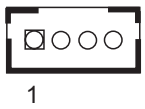
34 : Chassis Intrusion Header 1
35 : Chassis Intrusion Header 2



36 : Front Panel Audio Header



37* : 3W Audio AMP Output Wafer
(For IMB-380-L only)

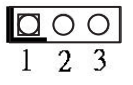


PIN	Signal Name
1	SPK L+
2	SPK L-
3	SPK R-
4	SPK R+

38 : PCIE Slot (PCIE x4)
39 : PCI Slots
40 : PCIE Slot (PCIE x16)

41 : Audio Jacks
Blue - Line In
Green - Line Out
Pink - Mic In

42 : Clear CMOS Header
1-2: Normal
2-3: Clear CMOS



43 : Top : RJ45 LAN Port 2
Bottom : USB3.0 (USB4_5)

44 : 4-Pin Chassis FAN Connector (+12V)

45 : Top : USB2.0 (USB2_3)
Bottom : HDMI

46 : 3-Pin Chassis FAN Connector (+12V)

47 : Top : RJ45 LAN Port 1
Bottom : USB3.0 (USB0_1)

48* : Top : COM2
Bottom :
IMB-380-D: DVI-I1
IMB-380-L: VGA1

49* : Top : COM1
Bottom left: Display1
(For IMB-380-D only)
Bottom right: PS/2 Keyboard/Mouse